

IBPS RRB PO Prelims MBT (Based on 23rd Nov 2025 S1)

Q1. What is the position of M with respect to S?

Study the following information carefully and answer the questions given below.

Eight persons - L, M, N, O, P, Q, R and S are sitting around a circular table such that some of them are facing inside while some are facing outside the table (but not necessarily in the same order). Not more than two adjacent persons face the same direction.

O sits second to the right of P where both are facing opposite directions. P sits opposite to R who sits second to the left of Q. Only two persons sit between L and Q when counted from the right of Q. Both L and R face the same direction. S faces inside. Only three persons sit between L and N who sits second to the right of S. Both M and S face opposite directions. The number of persons facing outside is two more than the number of persons facing inside. N doesn't face outside.

- (a) Second to the left
- (b) Immediate right
- (c) Third to the left
- (d) Fourth to the right
- (e) Immediate left

Ans.(d)

Q2. Which among the following pair of persons sit adjacent to S?

Study the following information carefully and answer the questions given below.

Eight persons - L, M, N, O, P, Q, R and S are sitting around a circular table such that some of them are facing inside while some are facing outside the table (but not necessarily in the same order). Not more than two adjacent persons face the same direction.

O sits second to the right of P where both are facing opposite directions. P sits opposite to R who sits second to the left of Q. Only two persons sit between L and Q when counted from the right of Q. Both L and R face the same direction. S faces inside. Only three persons sit between L and N who sits second to the right of S. Both M and S face opposite directions. The number of persons facing outside is two more than the number of persons facing inside. N doesn't face outside.

- (a) N and M
- (b) O and R
- (c) P and Q
- (d) N and P
- (e) Q and L

Ans.(c)

Q3. Four of the following five are alike in a certain way as per the given arrangement and thus form a group. Find the one that doesn't belong to that group?

Study the following information carefully and answer the questions given below.

Eight persons - L, M, N, O, P, Q, R and S are sitting around a circular table such that some of them are facing inside while some are facing outside the table (but not necessarily in the same order). Not more than two adjacent persons face the same direction.

O sits second to the right of P where both are facing opposite directions. P sits opposite to R who sits second to the left of Q. Only two persons sit between L and Q when counted from the right of Q. Both L and R face the same direction. S faces inside. Only three persons sit between L and N who sits second to the right of S. Both M and S face opposite directions. The number of persons facing outside is two more than the number of persons facing inside. N doesn't face outside.

- (a) OP

- (b) QS
- (c) LN
- (d) MS
- (e) PL

Ans.(e)

Q4. Who among the following person sits third to the left of R?

Study the following information carefully and answer the questions given below.

Eight persons - L, M, N, O, P, Q, R and S are sitting around a circular table such that some of them are facing inside while some are facing outside the table (but not necessarily in the same order). Not more than two adjacent persons face the same direction.

O sits second to the right of P where both are facing opposite directions. P sits opposite to R who sits second to the left of Q. Only two persons sit between L and Q when counted from the right of Q. Both L and R face the same direction. S faces inside. Only three persons sit between L and N who sits second to the right of S. Both M and S face opposite directions. The number of persons facing outside is two more than the number of persons facing inside. N doesn't face outside.

- (a) S
- (b) The one who sits immediate left of M
- (c) L
- (d) The one who sits second to the right of Q
- (e) None of these

Ans.(c)

Q5. If all the persons are made to sit in the alphabetical order in a clockwise direction from L, then how many persons remain unchanged in their position (Including L)?

Study the following information carefully and answer the questions given below.

Eight persons - L, M, N, O, P, Q, R and S are sitting around a circular table such that some of them are facing inside while some are facing outside the table (but not necessarily in the same order). Not more than two adjacent persons face the same direction.

O sits second to the right of P where both are facing opposite directions. P sits opposite to R who sits second to the left of Q. Only two persons sit between L and Q when counted from the right of Q. Both L and R face the same direction. S faces inside. Only three persons sit between L and N who sits second to the right of S. Both M and S face opposite directions. The number of persons facing outside is two more than the number of persons facing inside. N doesn't face outside.

- (a) One
- (b) Two
- (c) Three
- (d) More than three
- (e) None

Ans.(b)

Q6. Statement: Only a few Sumo is Dancing

All Dancing is Surfing

All Sumo is Game

Conclusion: I. No Sumo is Surfing

II. Some Surfing is Game

In the question below, some statements are given followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read all the

conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

- (a) If only II follows
- (b) If only I follows
- (c) If neither I nor II follows
- (d) If either I or II follows
- (e) If both I and II follow

Ans.(a)

Q7. Statement: Only a few Run is Drive

All Drive is Lift

All Lift is Climb

Conclusion: I. All Drive is Climb

II. Some Lift being Run is a possibility

In the question below, some statements are given followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

- (a) If only II follows
- (b) If only I follows
- (c) If neither I nor II follows
- (d) If either I or II follows
- (e) If both I and II follow

Ans.(b)

Q8. Statement: Only a few Wolf is Waste

Some Waste is Skill

All Skill is Price

Conclusion: I. Some Price is Wolf

II. No Wolf is Skill

In the question below, some statements are given followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

- (a) If only II follows
- (b) If only I follows
- (c) If neither I nor II follows
- (d) If either I or II follows
- (e) If both I and II follow

Ans.(c)

Q9. Statement: Only a few Ram is Yashi

No Yashi is Narendra

Some Narendra is Kavita

Conclusion: I. All Ram can be Narendra

II. No Yashi is Kavita

In the question below, some statements are given followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read all the

conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

- (a) If only II follows
- (b) If only I follows
- (c) If neither I nor II follows
- (d) If either I or II follows
- (e) If both I and II follow

Ans.(c)

Q10. How many persons are designated between T and V?

Study the following information carefully and answer the below questions.

Nine persons viz. R, S, T, U, V, W, X, Y and Z are working in a company at different designations (but not necessarily in the same order) such as CMD, CEO, COO, CFO, MD, Senior Manager (SM), Assistant manager (AM), Clerk and Peon.

Note: The designations are given in decreasing order such that CMD is the senior-most designation and Peon is the junior-most designation.

U is senior to CFO but not designated as CEO. Only two persons are designated between U and Z. The number of persons junior to Z is same as the number of persons senior to S. V is immediately senior to Y who is neither CEO nor COO. Y is senior to R. Only four persons are designated between V and W. T is senior to W.

- (a) Two
- (b) Four
- (c) Three
- (d) More than four
- (e) None of these

Ans.(d)

Q11. If all the persons are designated in alphabetical order from senior-most to junior-most designation, then what will be the designation of X?

Study the following information carefully and answer the below questions.

Nine persons viz. R, S, T, U, V, W, X, Y and Z are working in a company at different designations (but not necessarily in the same order) such as CMD, CEO, COO, CFO, MD, Senior Manager (SM), Assistant manager (AM), Clerk and Peon.

Note: The designations are given in decreasing order such that CMD is the senior-most designation and Peon is the junior-most designation.

U is senior to CFO but not designated as CEO. Only two persons are designated between U and Z. The number of persons junior to Z is same as the number of persons senior to S. V is immediately senior to Y who is neither CEO nor COO. Y is senior to R. Only four persons are designated between V and W. T is senior to W.

- (a) MD
- (b) AM
- (c) COO
- (d) CFO
- (e) None of these

Ans.(b)

Q12. Who among the following person is two persons senior to Z?

Study the following information carefully and answer the below questions.

Nine persons viz. R, S, T, U, V, W, X, Y and Z are working in a company at different designations (but not necessarily in the same order) such as CMD, CEO, COO, CFO, MD, Senior Manager (SM), Assistant manager (AM), Clerk and Peon.

Note: The designations are given in decreasing order such that CMD is the senior-most designation and Peon is the junior-most designation.

U is senior to CFO but not designated as CEO. Only two persons are designated between U and Z. The number of persons junior to Z is same as the number of persons senior to S. V is immediately senior to Y who is neither CEO nor COO. Y is senior to R. Only four persons are designated between V and W. T is senior to W.

(a) The one who is CEO

(b) X

(c) Y

(d) The one who is CFO

(e) V

Ans.(d)

Q13. Which of the following statements is/are not true with respect to the final arrangement?

Study the following information carefully and answer the below questions.

Nine persons viz. R, S, T, U, V, W, X, Y and Z are working in a company at different designations (but not necessarily in the same order) such as CMD, CEO, COO, CFO, MD, Senior Manager (SM), Assistant manager (AM), Clerk and Peon.

Note: The designations are given in decreasing order such that CMD is the senior-most designation and Peon is the junior-most designation.

U is senior to CFO but not designated as CEO. Only two persons are designated between U and Z. The number of persons junior to Z is same as the number of persons senior to S. V is immediately senior to Y who is neither CEO nor COO. Y is senior to R. Only four persons are designated between V and W. T is senior to W.

(a) Z is senior to Y

(b) Two persons are designated between W and X

(c) U is the COO of the company

(d) V is three persons junior to X

(e) All are true

Ans.(d)

Q14. If in the number "386945275" all digits are arranged in descending order then what is the difference between the 3rd digit from left end and 1st digit from the right end?

(a) 2

(b) 1

(c) 5

(d) 4

(e) None of these

Ans.(b)

Q15. Statement: $A > G > C < T < E = F > O$

Conclusion: I. $E > O$

II. $G < T$

In the given question, the relationship between different elements is shown in the statements followed by some conclusions. Find the conclusion which is definitely true.

- (a) Only I is true
- (b) Only II is true
- (c) Both I and II are true
- (d) Either I or II is true
- (e) Neither I nor II is true

Ans.(a)

Q16. Statement: $H > K = U < R < E > W$

Conclusion: I. $H > R$

II. $W < U$

In the given question, the relationship between different elements is shown in the statements followed by some conclusions. Find the conclusion which is definitely true.

- (a) Only I is true
- (b) Only II is true
- (c) Both I and II are true
- (d) Either I or II is true
- (e) Neither I nor II is true

Ans.(e)

Q17. Statement: $Y > J = D > I > S > Q$

Conclusion: I. $J > Q$

II. $I > Y$

In the given question, the relationship between different elements is shown in the statements followed by some conclusions. Find the conclusion which is definitely true.

- (a) Only I is true
- (b) Only II is true
- (c) Both I and II are true
- (d) Either I or II is true
- (e) Neither I nor II is true

Ans.(a)

Q18. Statement: $B < S > I > K > Y < E$

Conclusion: I. $K > B$

II. $I > Y$

In the given question, the relationship between different elements is shown in the statements followed by some conclusions. Find the conclusion which is definitely true.

- (a) Only I is true
- (b) Only II is true
- (c) Both I and II are true
- (d) Either I or II is true
- (e) Neither I nor II is true

Ans.(b)

Q19. How many persons sit in the row?

Study the following information carefully and answer the questions given below:

A certain number of persons sit in a row such that all of them face north direction. S sits third from one of the ends. Three persons sit between S and V. R sits exactly between S and V. As many persons sit between R and V is same as between V and Q. Q sits to the right of V. Q sits fifth to the right of U. Two

persons sit between U and N. The number of persons sit to the left of S is one less than the number of persons sit to the right of J. R sits adjacent to J.

(a) 10

(b) 11

(c) 7

(d) 8

(e) 9

Ans.(e)

Q20. Four among the following five pairs are alike in a certain manner and related to a group, which among the following does not belong to the group?

Study the following information carefully and answer the questions given below:

A certain number of persons sit in a row such that all of them face north direction. S sits third from one of the ends. Three persons sit between S and V. R sits exactly between S and V. As many persons sit between R and V is same as between V and Q. Q sits to the right of V. Q sits fifth to the right of U. Two persons sit between U and N. The number of persons sit to the left of S is one less than the number of persons sit to the right of J. R sits adjacent to J.

(a) S-R

(b) R-Q

(c) U-J

(d) R-V

(e) V-Q

Ans.(b)

Q21. Which of the following statement is/are true?

I. More than three persons sit to the right of U

II. S sits to the left of Q

III. Odd number of persons sit between V and N

Study the following information carefully and answer the questions given below:

A certain number of persons sit in a row such that all of them face north direction. S sits third from one of the ends. Three persons sit between S and V. R sits exactly between S and V. As many persons sit between R and V is same as between V and Q. Q sits to the right of V. Q sits fifth to the right of U. Two persons sit between U and N. The number of persons sit to the left of S is one less than the number of persons sit to the right of J. R sits adjacent to J.

(a) Both I and II are true

(b) Only III is true

(c) Both II and III are true

(d) Both I and III are true

(e) All are true

Ans.(e)

Q22. How many such pair of letters are there in the word 'SEASONING', each of which have as many letters between them as they have in English alphabet (both in forward and backward direction)?

(a) One

(b) Four

(c) Two

(d) Five

(e) Three

Ans.(d)

Q23. How many floors gap is between M and O?

Study the following information carefully and answer the questions given below:

Seven persons- M, N, O, P, Q, R and S live on the seven-floor building such that the bottommost floor is numbered as 1, floor just above it is numbered as 2 and so on till the topmost floor is numbered as 7.

S lives two floors below Q on a prime numbered floor. Two persons live between S and N. The number of persons lives above N is same as the number of persons lives below O. M lives immediately above R. P doesn't live on the adjacent floor of N.

- (a) Two
- (b) Three
- (c) One
- (d) Four
- (e) Five

Ans.(b)

Q24. Which among the following statement(s) is/are true?

I. M lives on the topmost floor

II. O lives above P

III. Q lives on the adjacent floor of R

Study the following information carefully and answer the questions given below:

Seven persons- M, N, O, P, Q, R and S live on the seven-floor building such that the bottommost floor is numbered as 1, floor just above it is numbered as 2 and so on till the topmost floor is numbered as 7.

S lives two floors below Q on a prime numbered floor. Two persons live between S and N. The number of persons lives above N is same as the number of persons lives below O. M lives immediately above R. P doesn't live on the adjacent floor of N.

- (a) Both I and II
- (b) Only II
- (c) Both II and III
- (d) Only III
- (e) All I, II and III

Ans.(a)

Q25. Who among the following lives on the 6th floor?

Study the following information carefully and answer the questions given below:

Seven persons- M, N, O, P, Q, R and S live on the seven-floor building such that the bottommost floor is numbered as 1, floor just above it is numbered as 2 and so on till the topmost floor is numbered as 7.

S lives two floors below Q on a prime numbered floor. Two persons live between S and N. The number of persons lives above N is same as the number of persons lives below O. M lives immediately above R. P doesn't live on the adjacent floor of N.

- (a) S
- (b) P
- (c) R
- (d) None of these
- (e) O

Ans.(c)

Q26. If all the persons live in alphabetical order from bottom to top, then the position of how many persons remains unchanged?

Study the following information carefully and answer the questions given below:

Seven persons- M, N, O, P, Q, R and S live on the seven-floor building such that the bottommost floor is numbered as 1, floor just above it is numbered as 2 and so on till the topmost floor is numbered as 7.

S lives two floors below Q on a prime numbered floor. Two persons live between S and N. The number of persons lives above N is same as the number of persons lives below O. M lives immediately above R. P doesn't live on the adjacent floor of N.

- (a) None
- (b) One
- (c) Three
- (d) More than three
- (e) Two

Ans.(e)

Q27. The number of persons live between M and N is same as the number of persons live between ____ and ____.

Study the following information carefully and answer the questions given below:

Seven persons- M, N, O, P, Q, R and S live on the seven-floor building such that the bottommost floor is numbered as 1, floor just above it is numbered as 2 and so on till the topmost floor is numbered as 7.

S lives two floors below Q on a prime numbered floor. Two persons live between S and N. The number of persons lives above N is same as the number of persons lives below O. M lives immediately above R. P doesn't live on the adjacent floor of N.

- (a) P, Q
- (b) R, S
- (c) P, R
- (d) Q, S
- (e) None of these

Ans.(d)

Q28. What is the shortest distance between book P and book S?

Study the following information carefully and answer the questions given below:

Seven books are kept at different distances at different directions with respect to each other. Book M is 7m to the north of book T which is 4m to the east of book O. Book N is 8m to the south of book O and 10m to the west of book P. Book Q is 3m to the west of book R and 10m to the north of book P. Book S is 15m to the south of book R.

- (a) $2\sqrt{3}$ m
- (b) 90m
- (c) $3\sqrt{10}$ m
- (d) $\sqrt{34}$ m
- (e) 113m

Ans.(d)

Q29. In which direction is book M with respect to book R?

Study the following information carefully and answer the questions given below:

Seven books are kept at different distances at different directions with respect to each other. Book M is 7m to the north of book T which is 4m to the east of book O. Book N is 8m to the south of book O and

10m to the west of book P. Book Q is 3m to the west of book R and 10m to the north of book P. Book S is 15m to the south of book R.

- (a) North-west
- (b) South-east
- (c) South
- (d) North-east
- (e) West

Ans.(a)

Q30. Four of the following five are alike in a certain way and thus form a group. Which among the following does not belong to the group?

Study the following information carefully and answer the questions given below:

Seven books are kept at different distances at different directions with respect to each other. Book M is 7m to the north of book T which is 4m to the east of book O. Book N is 8m to the south of book O and 10m to the west of book P. Book Q is 3m to the west of book R and 10m to the north of book P. Book S is 15m to the south of book R.

- (a) N-T
- (b) O-M
- (c) P-R
- (d) S-P
- (e) T-Q

Ans.(d)

Q31. How many persons buys product before H?

Study the following information carefully and answer the questions given below:

Nine persons buys product one after another. Only two persons buy product after D. One person buys product between D and C. F buys product three persons before C. Number of persons buy products before C is one less than the number of persons buy products after H. Two persons buy product between H and A. J buys product immediately before E. B buys product before G.

- (a) Three
- (b) Four
- (c) Five
- (d) Two
- (e) Six

Ans.(a)

Q32. Who among the following buy the product four persons after A?

Study the following information carefully and answer the questions given below:

Nine persons buys product one after another. Only two persons buy product after D. One person buys product between D and C. F buys product three persons before C. Number of persons buy products before C is one less than the number of persons buy products after H. Two persons buy product between H and A. J buys product immediately before E. B buys product before G.

- (a) G
- (b) H
- (c) C
- (d) J
- (e) D

Ans.(c)

Q33. Which among the following statement is/are true?

Study the following information carefully and answer the questions given below:

Nine persons buy product one after another. Only two persons buy product after D. One person buys product between D and C. F buys product three persons before C. Number of persons buy products before C is one less than the number of persons buy products after H. Two persons buy product between H and A. J buys product immediately before E. B buys product before G.

- (a) More than three persons buy the product after J
- (b) No one buys the product between H and A
- (c) E buys the product before C
- (d) A buys the products before F
- (e) None is true

Ans.(d)

Q34. If all the persons buy product in alphabetical order from top to bottom, then the position of how many persons remains unchanged?

Study the following information carefully and answer the questions given below:

Nine persons buy product one after another. Only two persons buy product after D. One person buys product between D and C. F buys product three persons before C. Number of persons buy products before C is one less than the number of persons buy products after H. Two persons buy product between H and A. J buys product immediately before E. B buys product before G.

- (a) One
- (b) None
- (c) Two
- (d) Three
- (e) More than three

Ans.(a)

Q35. If A is related to H in a certain way, similarly F is related to C then find who among the following is related to D?

Study the following information carefully and answer the questions given below:

Nine persons buy product one after another. Only two persons buy product after D. One person buys product between D and C. F buys product three persons before C. Number of persons buy products before C is one less than the number of persons buy products after H. Two persons buy product between H and A. J buys product immediately before E. B buys product before G.

- (a) J
- (b) E
- (c) H
- (d) C
- (e) B

Ans.(c)

Q36. How A is related to V?

Study the following information carefully and answer the questions given below:

T is son-in-law of A who is the sister-in-law of W. W is unmarried. V is niece of S who is unmarried child of M. M is sibling of W. A has only two children. J is parent of V. Number of male members are more than the female members.

- (a) Grandmother

- (b) Niece
- (c) Sister
- (d) Mother
- (e) Sister-in-law

Ans.(a)

Q37. What is the ratio of male to female members in the family?

Study the following information carefully and answer the questions given below:

T is son-in-law of A who is the sister-in-law of W. W is unmarried. V is niece of S who is unmarried child of M. M is sibling of W. A has only two children. J is parent of V. Number of male members are more than the female members.

- (a) 5:2
- (b) 4:3
- (c) 2:5
- (d) 1:1
- (e) 2:1

Ans.(b)

Q38. If G is married to S, then how is G related to A?

Study the following information carefully and answer the questions given below:

T is son-in-law of A who is the sister-in-law of W. W is unmarried. V is niece of S who is unmarried child of M. M is sibling of W. A has only two children. J is parent of V. Number of male members are more than the female members.

- (a) Daughter-in-law
- (b) Mother
- (c) Father
- (d) Son-in-law
- (e) Brother

Ans.(a)

Q39. If we form a four-letter meaningful word by using the third, fifth, seventh and eighth letter from the left end of the word 'GRASSWOOD', then which of the following will be the fourth letter of the meaningful word thus formed. If more than one meaningful word is formed mark Z as your answer. If no meaningful word is formed, mark X as your answer?

- (a) S
- (b) A
- (c) O
- (d) X
- (e) Z

Ans.(d)

Q40. Find the odd one out?

- (a) RUQ
- (b) DGC
- (c) ORP
- (d) WZV
- (e) CFB

Ans.(c)

Q41. 18, 22, 49, 65, 190, ?

What will come in the place of question (?) mark in following number series:

- (a) 232
- (b) 226
- (c) 230
- (d) 218
- (e) 214

Ans.(b)

Q42. ?, 219, 246, 283, 331, 391

What will come in the place of question (?) mark in following number series:

- (a) 201
- (b) 210
- (c) 205
- (d) 224
- (e) 219

Ans.(a)

Q43. 4.25, 17, 68, 272, ?, 4352

What will come in the place of question (?) mark in following number series:

- (a) 1332
- (b) 1520
- (c) 1144
- (d) 1020
- (e) 1088

Ans.(e)

Q44. 37, ?, 148, 296, 592, 1184

What will come in the place of question (?) mark in following number series:

- (a) 74
- (b) 77
- (c) 78
- (d) 71
- (e) 80

Ans.(a)

Q45. ?, 9, 27, 13.5, 40.5, 20.25

What will come in the place of question (?) mark in following number series:

- (a) 14
- (b) 13
- (c) 18
- (d) 17
- (e) 19

Ans.(c)

Q46. 113, 116, 111, 118, ?, 120

What will come in the place of question (?) mark in following number series:

- (a) 111
- (b) 110
- (c) 109
- (d) 104
- (e) 103

Ans.(c)

Directions (47-51): The table given below shows the total number of shirts and trousers manufactured, number of trousers sold and number of shirts sold by four shops.

Shops	Total items manufactured (shirt+ trouser)	Number of shirts sold	Number of trousers sold
A	330	100	150
B	245	45	160
C	450	250	120
D	500	325	75

Note – Number of items manufactured = items sold + items unsold

Total items = total number of shirts and trousers.

Q47. Find the average number of unsold items in shop A and in shop C.

- (a) 80
- (b) 81
- (c) 90
- (d) 91
- (e) 100

Ans.(a)

Q48. If the 62% of the items manufactured by C are shirts, then find the unsold trousers in C is what percentage of total unsold items in shop D.

- (a) 40
- (b) 31
- (c) 50
- (d) 51
- (e) 10

Ans.(d)

Q49. Find the ratio of shirts sold by A and C together to twice the total unsold items in D.

- (a) 8:7
- (b) 8:11
- (c) 9:8
- (d) 9:1
- (e) 7:4

Ans.(e)

Q50. Find the difference between total sold items and total unsold items in all the shops.

- (a) 925
- (b) 981
- (c) 890
- (d) 991
- (e) 910

Ans.(a)

Q51. If the cost of each shirt is Rs 24 and the cost of each trousers is 25% more than the shirts. Find the revenue generated by A from selling all the items.

- (a) 6900
- (b) 9681
- (c) 6690
- (d) 9000
- (e) 6000

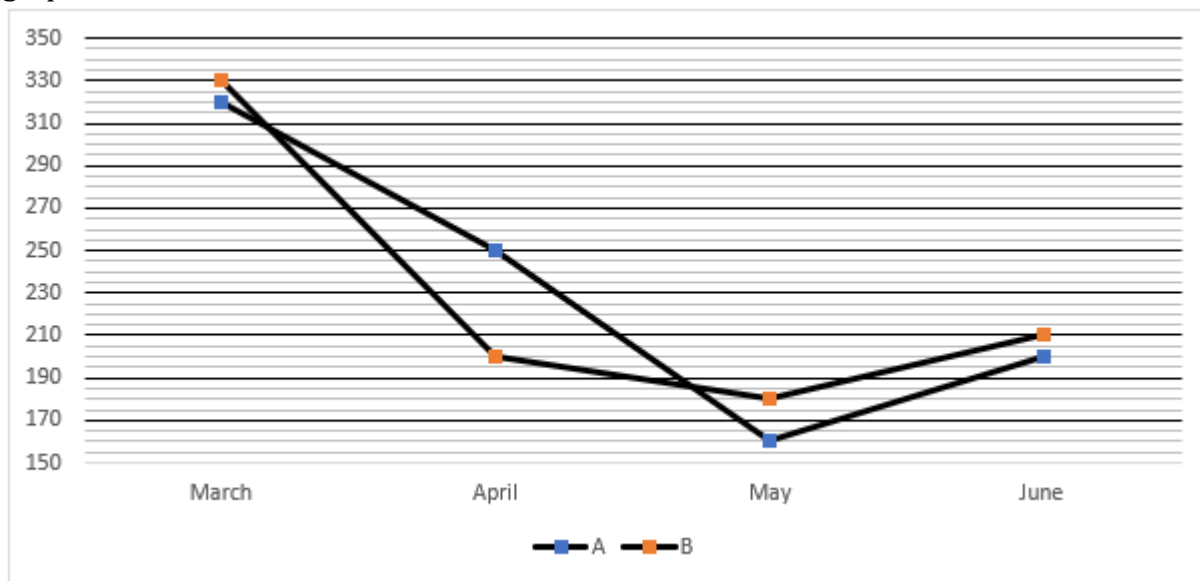
Ans.(a)

Q52. If the ratio of defective and non defective items manufactured by B is 1:4 and 20% of the items sold are defectives, find the difference between unsold defective items and sold non-defective items.

- (a) 156
- (b) 181
- (c) 190
- (d) 191
- (e) 100

Ans.(a)

Directions (53-58): Read the following line graph carefully and answer the questions given below. The graph shows the number of items A and items B sold in four months.



Q53. If out of the total item B sold in march and April together, 50% are red, 25 are black, and the rest are green in colour, then find the number of green items B sold by in march and April together.

- (a) 237
- (b) 365
- (c) 245
- (d) 240
- (e) 260

Ans.(d)

Q54. Find the difference between the total number of item A sold in April and may together and the number of items B sold in March.

- (a) 80
- (b) 95
- (c) 90
- (d) 94
- (e) 35

Ans.(a)

Q55. Total number of item B sold in May is what percent more or less than that of in April?

- (a) 10%
- (b) 75%
- (c) 60%
- (d) 30%
- (e) None of these

Ans.(a)

Q56. If the number of item A sold in July are 40% more than that of in May and out of which $\frac{3}{4}$ th are of defective items A. If in July sold defective item A in Rs.5, then find the total revenue collected in July selling all defective item A?

- (a) Rs 420
- (b) Rs 360
- (c) Rs 850
- (d) Rs 800
- (e) Rs 840

Ans.(e)

Q57. Find the ratio of the total number of item A and B together sold in March to the total number of items A and B together sold in May.

- (a) 4: 5
- (b) 3: 5
- (c) 5: 4
- (d) 5: 3
- (e) None of these

Ans.(e)

Q58. Find the total items A and B sold in the month of June is what percentage of items A sold in the month of April.

- (a) 164%
- (b) 175%
- (c) 160%
- (d) 130%
- (e) 154%

Ans.(a)

Q59. The speed of a boat in still water is 20 km/hr and the ratio of downstream to upstream speed of the boat is 5 : 3 respectively. Find the time taken by the boat to cover 240 km downstream (in hours).

- (a) 9.4

- (b) 9.2
- (c) 9.6
- (d) 9.8
- (e) 10.2

Ans.(c)

Q60. A vessel contains milk and water in the ratio 5 : 3, respectively. If 16 liters of the mixture are taken out and 4 liters of water are added, the ratio of milk to water becomes 3 : 2. Find the initial quantity of milk (in liters).

- (a) 70
- (b) 48
- (c) 42
- (d) 75
- (e) 80

Ans.(a)

Q61. A and B together can complete a work in 20 days, and A alone can complete the same work in 30 days. If 40% of the work is completed by B in $(Y + 5)$ days, then find the value of Y.

- (a) 23
- (b) 19
- (c) 25
- (d) 20
- (e) 17

Ans.(b)

Q62. The ratio of the cost price to the selling price of an article is 4 : 5. The marked price of the article is Rs 8000, and it is sold after allowing a 20% discount. Find the profit (in Rs).

- (a) 1800
- (b) 1540
- (c) 1340
- (d) 1280
- (e) 1420

Ans.(d)

Q63. A started a business with an investment of Rs 6000. After a few months, B joined the partnership with an investment of Rs 9000. At the end of the year, the total profit was Rs 4800, out of which B's share was Rs 1600. Find the time period (in months) for which B invested his money in the business.

- (a) 8
- (b) 3
- (c) 6
- (d) 5
- (e) 4

Ans.(e)

Q64. Train X is 60% longer than Train Y. The speed of Train X is 90 km/h. Train X crosses a pole in 16 seconds. If both trains are running in the opposite direction and cross each other in 13 seconds, find the time taken by Train Y to cross a platform 500 meters long.

- (a) 29

(b) 12

(c) 23

(d) 30

(e) 33

Ans.(d)

Q65. The ratio of P to Q is 3 : 4, and R is 6 more than Q. If the sum of P, Q, and R is 83, find the value of Q. (P, Q, and R positive integers)

(a) 28

(b) 24

(c) 21

(d) 34

(e) 40

Ans.(a)

Q66. The perimeter of a rectangle is 74 cm, and the length of the rectangle is 4 cm more than twice the breadth. Find the area of the rectangle (in cm^2).

(a) 304

(b) 286

(c) 294

(d) 226

(e) 258

Ans.(b)

Q67. 35% of A is equal to 70% of B. If the average of A and B is 10 more than B, and the average of A, B, and C is 60, then find the average of A and C.

(a) 100

(b) 90

(c) 80

(d) 70

(e) 50

Ans.(c)

Q68. A set M consists of five consecutive multiples of 6, while another set N consists of four consecutive multiples of 8. If the average of N is 4 less than the average of M, and the average of the smallest and largest numbers of M is 66, then find the sum of the numbers in set N.

(a) 296

(b) 303

(c) 248

(d) 240

(e) 216

Ans.(c)

Q69. Riya scores 180 in English and 160 in Science. Meena scores 190 in English. If the average score of Meena is 10 more than the average score of Riya in both subjects, then find the average marks obtained by Riya and Meena in Science.

(a) 140

(b) 145

- (c) 150
- (d) 165
- (e) 180

Ans.(d)

Q70. Monthly saving of Ravi is 50% of his monthly expense. If his monthly expense increases by 50% and his monthly income increases by 20%, then his monthly saving decreases by Rs. 6000. Find the initial monthly income of Ravi.

- (a) 44000
- (b) 45000
- (c) 42000
- (d) 48000
- (e) 47000

Ans.(b)

Q71. Find the total laptops sold by A in all the given months.

Read the instruction and answer the following questions.

There are two company A and B selling laptops in three different months (august, September and October).

For A - The ratio of laptops sold in august and September is 7:13. The difference between laptops sold in august and September is equal to number of laptops sold in October.

For B – the number of laptops sold in October is double than august. 36 laptops sold in September.

Laptops sold in October by B is 12 more than laptops sold by A in August

Note – total laptops sold in September from both the shops = 88

- (a) 104
- (b) 105
- (c) 106
- (d) 109
- (e) 110

Ans.(a)

Q72. Find the ratio of laptops sold in August by A to total laptops sold in October by A and B.

Read the instruction and answer the following questions.

There are two company A and B selling laptops in three different months (august, September and October).

For A - The ratio of laptops sold in august and September is 7:13. The difference between laptops sold in august and September is equal to number of laptops sold in October.

For B – the number of laptops sold in October is double than august. 36 laptops sold in September.

Laptops sold in October by B is 12 more than laptops sold by A in August

Note – total laptops sold in September from both the shops = 88

- (a) 10:11
- (b) 16:11
- (c) 16:7
- (d) 7:16
- (e) 11:16

Ans.(d)

Q73. Find the average of laptops sold by A in October and B in September.

Read the instruction and answer the following questions.

There are two company A and B selling laptops in three different months (august, September and October).

For A - The ratio of laptops sold in august and September is 7:13. The difference between laptops sold in august and September is equal to number of laptops sold in October.

For B – the number of laptops sold in October is double than august. 36 laptops sold in September. Laptops sold in October by B is 12 more than laptops sold by A in August

Note – total laptops sold in September from both the shops = 88

- (a) 30
- (b) 50
- (c) 60
- (d) 80
- (e) 100

Ans.(a)

Q74. A man invested Rs P in simple interest at 10% p.a. for 3 years and received interest of Rs 960. If he had invested Rs (P + 400) at compound interest at the same rate for two years, then find the amount he received after two years (in Rs).

- (a) 4424
- (b) 4536
- (c) 4356
- (d) 4562
- (e) 4882

Ans.(c)

Q75. $189.98 + 49.96\% \text{ of } 539.98 + ? = 630.03$

What approximate value will come in place of question mark (?) in the following questions? (You are not expected to calculate the exact value)

- (a) 190
- (b) 170
- (c) 120
- (d) 240
- (e) 200

Ans.(b)

Q76.

$$\frac{276.02}{12.03} \times \frac{79.99}{115.01} \times ? = 31.99\% \text{ of } 199.98$$

What approximate value will come in place of question mark (?) in the following questions? (You are not expected to calculate the exact value)

- (a) 4
- (b) 16
- (c) 30
- (d) 8
- (e) 24

Ans.(a)

Q77.

$$(284.02 + 184.001 \div 3.997) \div (594.01 \div 9.02) = ?$$

What approximate value will come in place of question mark (?) in the following questions? (You are not expected to calculate the exact value)

- (a) 25
- (b) 15
- (c) 20
- (d) 5
- (e) 10

Ans.(d)

Q78. $684.03 + 2171.999 \div 5.98 + 49.98 \times 5.02 = ?^2$

What approximate value will come in place of question mark (?) in the following questions? (You are not expected to calculate the exact value)

- (a) 42
- (b) 36
- (c) 24
- (d) 26
- (e) 16

Ans.(b)

Q79. $(79.97\% \text{ of } 250.02) \text{ of } 4.99 \div (4.97)^2 = ?$

What approximate value will come in place of question mark (?) in the following questions? (You are not expected to calculate the exact value)

- (a) 40
- (b) 70
- (c) 90
- (d) 60
- (e) 20

Ans.(a)

Q80.

$89.99\% \text{ of } 440.01 + \frac{9}{11} \text{ of } 120.98 = ? - 45.11 \times 2.09$

What approximate value will come in place of question mark (?) in the following questions? (You are not expected to calculate the exact value)

- (a) 440
- (b) 585
- (c) 695
- (d) 605
- (e) 820

Ans.(b)